







Educating The Acquisition Workforce









The Defense Acquisition University









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Simulation Based Acquisition Acquisition Policy Documents

DoD Directive 5000.1

Program managers shall plan and budget for SBA ... to reduce the time, resources, and risk...

DoD Instruction 5000.2

SBA shall be part of... the test and evaluation master plan...

DoD 5000.2 Regulation

... use SBA throughout the product life cycle... PM shall use SBA and M&S during system design, system T&E, and system modification and upgrade...

The Defense Acquisition University M&S and SBA Education

24 include M&S and SBA

81 Courses in 13 fields

A doubling of courses with M&S, since 1997

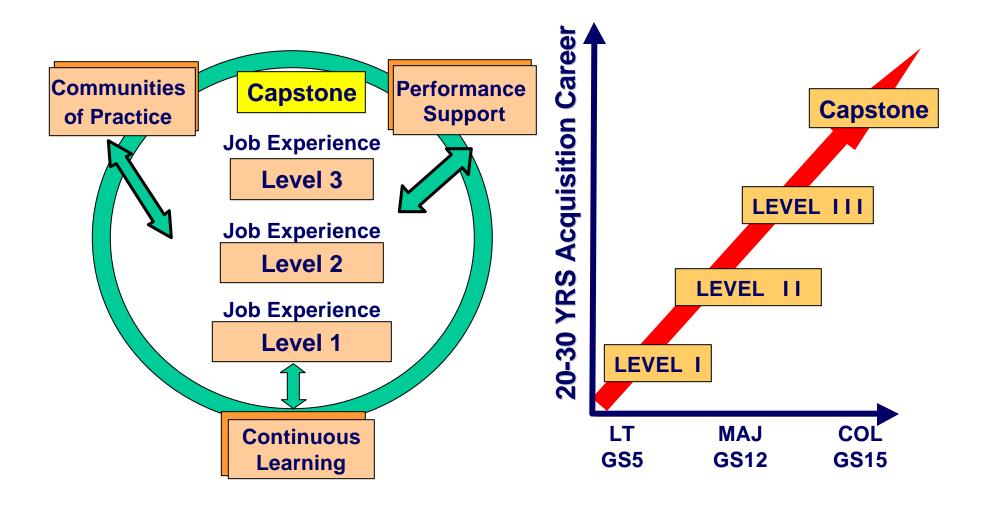
Examples:

Advanced Program Management Course (14 weeks)

- with embedded 12-week SBA Exercise
- 5 Executive Courses
- 1 Executive PM Course (mandatory for PMs/DPMs)
- 1 Advanced Systems Engineering Course
- 2 Information Technology Courses (IRMC)

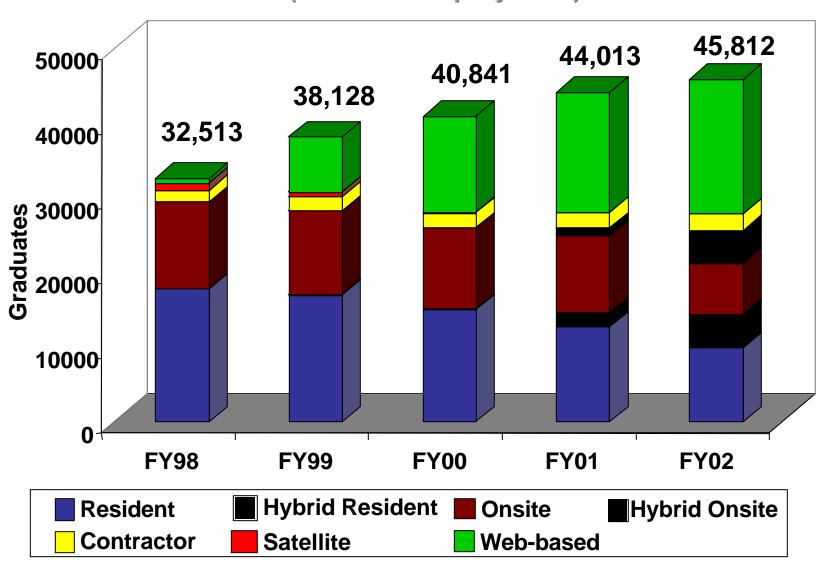


The Learning Construct

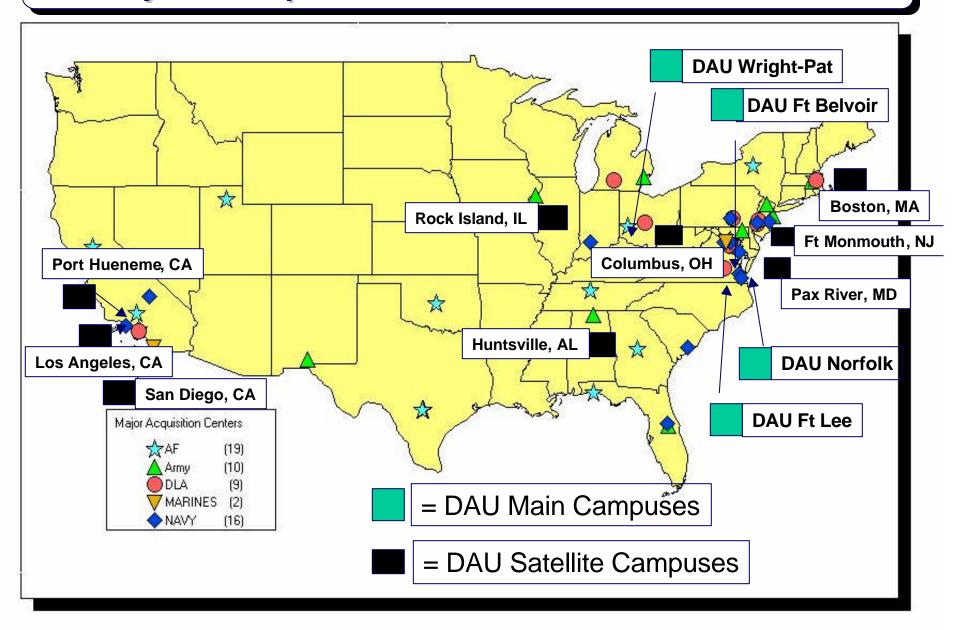


DAU Graduates

(FY01-02 are projected)



Major Acquisition Workforce Centers



SBA EXERCISE



ORD & Contract
Unmanned
Vehicle

Total
Ownership
Costs

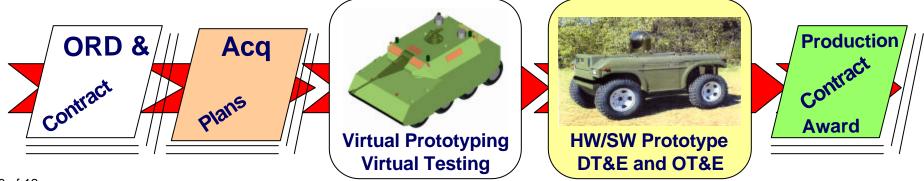
15 year 100 vehicle production

Concurrent & collaborative

- 5 Missions
- Producibility
- Maintainability
- Personnel Costs
- Development Costs
- Unit Production Cost
- O&S Costs
- Disposal Costs

Integrated Digital Environment

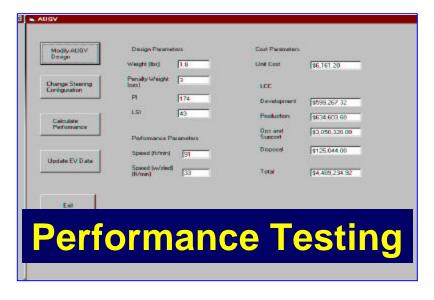
Report Submission - Networked Database - Risk Models - Cost Models Simulation across workstations - Virtual Prototyping - Virtual Testing

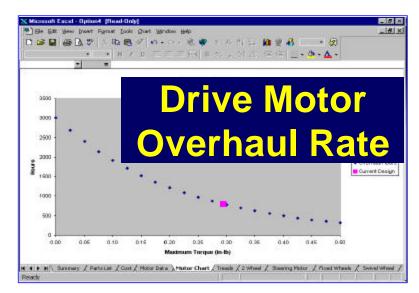


Advanced Program Management Course SBA Simulation Design - Total Ownership Cost - Unit Cost - Virtual Testing

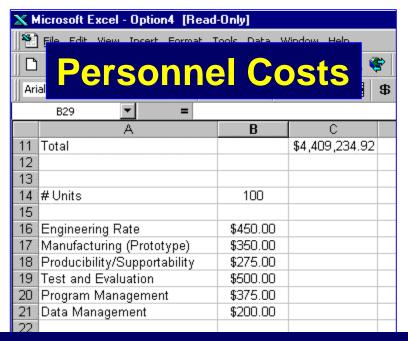


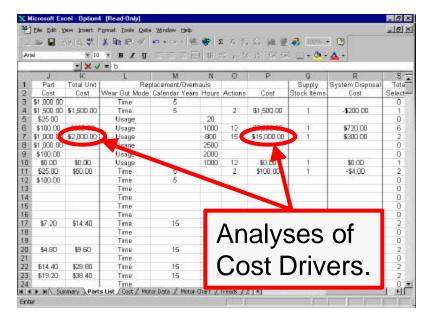




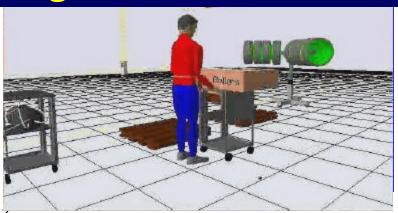


Advanced Program Management Course SBA Simulation Design - Total Ownership Cost - Unit Cost - Virtual Testing



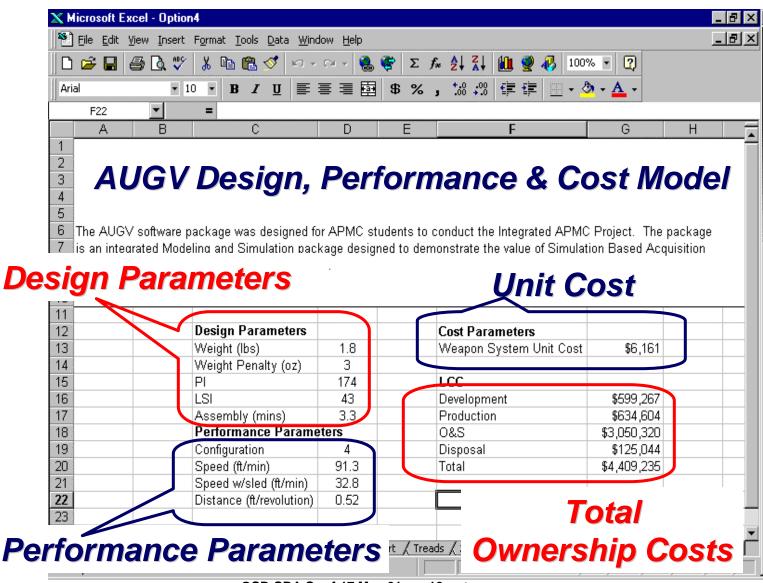


Logistics Assessment





Advanced Program Management Course SBA Simulation Design - Total Ownership Cost - Unit Cost - Virtual Testing



Available DoD M&S Education

DoD Modeling & Simulation Education Working Group

Modeling and Simulation Education initiative Executive Council for Modeling and Simulation
O-8/SES reps from across DoD

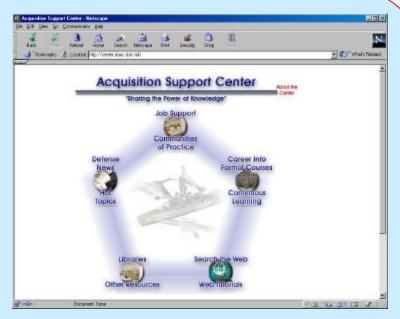


OSD & DAU	<u>ARMY</u>	AIR FORCE	<u>NAVY</u>	<u>MARINES</u>
6 M&S Courses	8 Courses involving M&S	15 experiential	Various at	Access to all
(3hrs - 5 days)	including War/Staff	operational simulations	Naval Postgraduate	Navy activities
24 Acquisition	Colleges	&	School	and
Courses w/M&S	and West Point	AF Institute of Technology, War & Staff Colleges	& War and Staff Colleges	a 1-day SBA Workshop

DoD M&S Course Summary http://www.education.dmso.mil/msewg.asp

In closing,

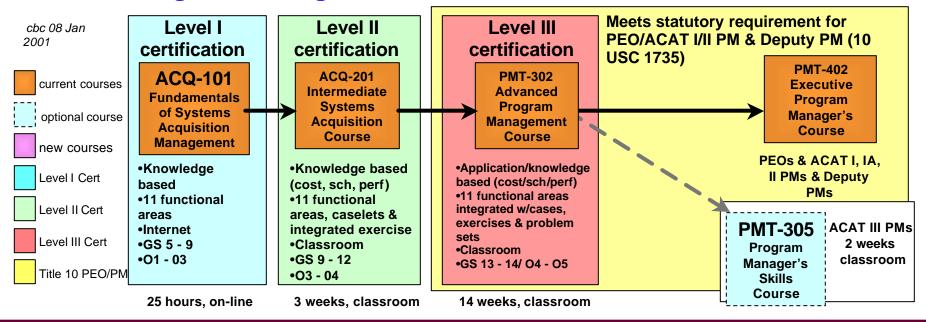
- Simulation-Based Acquisition is:
 - DoD policy to couple with IPPD to accelerate acquisition.
- DAU is applying the SBA principles within its education
 - Within the current Advanced PM Course
 - Within Selected Career Field courses
 - Being developed in the new PMOC & APMC Courses
- Non-DAU Courses provide a source for expanded M&S education on a continuing basis
- DAU is working with other institutions to leverage acquisition
 & M&S education together
- More M&S / SBA & acquisition information:

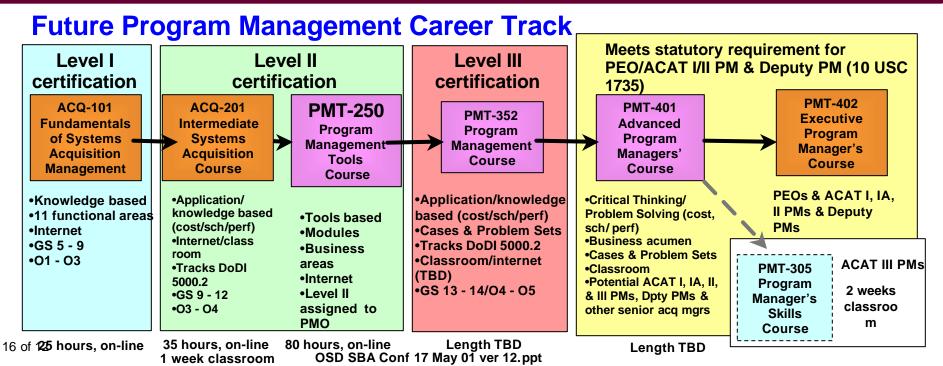


Acquisition Support Center - http://center.dsmc.dsm.mil

BACKUP

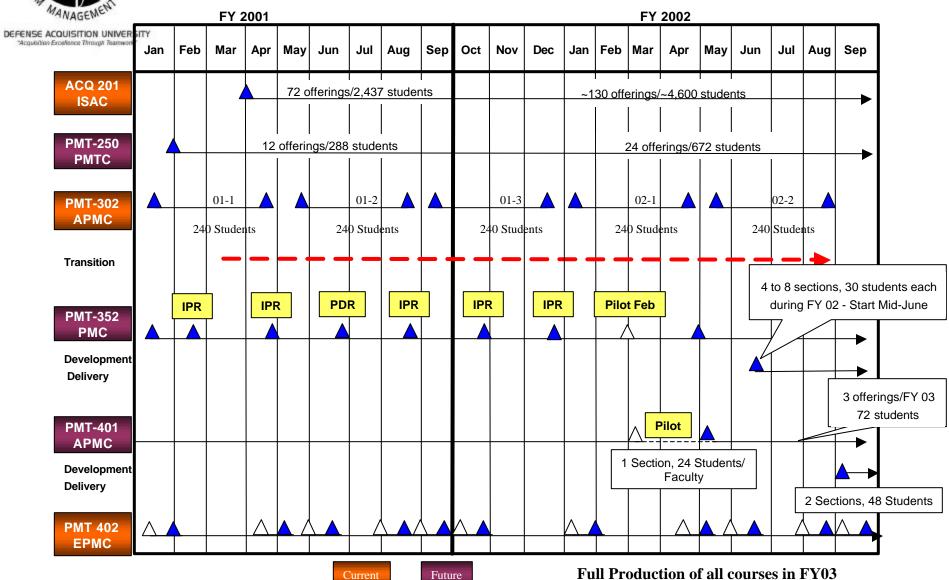
Current Program Management Career Track





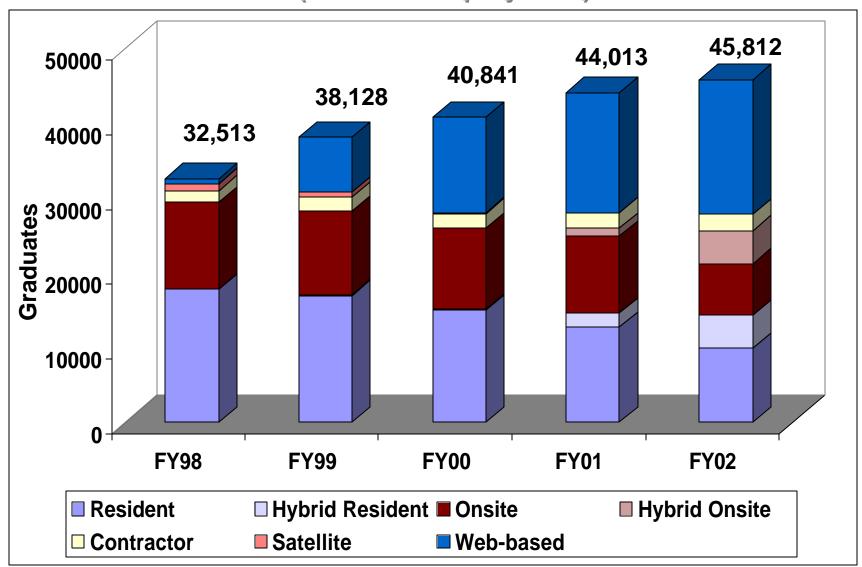


New PM Courses FY 2001-2001

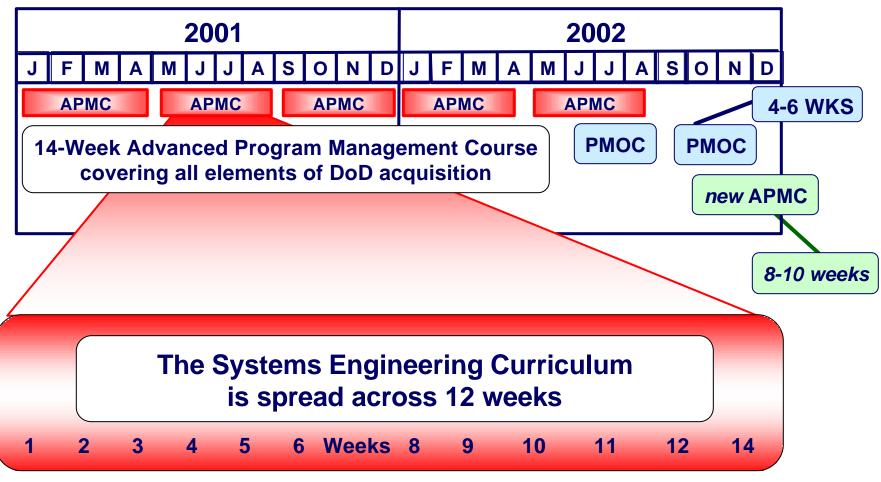


DAU Graduates

(FY01-02 are projected)



The Advanced Program Management Course is required by Congress for all DoD Program Managers



PMOC- new Program Management Office Course (Level III Certification)
APMC + Executive PMC Meets PM Requirement in 10 USC 1735

DAU Graduates

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